

01-04-02

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10/23/01  
975 U.S. PTOUTILITY  
PATENT APPLICATION  
TRANSMITTAL

Only for new non-provisional applications under 37 CFR 1.53(b))

Attorney Docket No. 00-0895-16/US

First Inventor Wade C. Patterson

Title Data Communication System and Method for Communication  
Between Infrared Devices

Express Mail Label No. EF156639401US

JC32 US PTO  
10/035750  
10/23/01

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO: Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

1.  \*Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)

2.  Applicant claims small entity status.  
See 37 CFR 1.27

3.  Specification [Total Pages 44]  
(preferred arrangement set forth below)
 

- Descriptive title of the Invention
- Cross References to Related Applications
- Statement Regarding Fed sponsored R & D
- Reference to sequence listing, a table, or a computer program listing appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure

4.  Drawing(s) (35 U.S.C. 113) [Total Sheets 44]

5. Oath or Declaration [Total Pages 2]
 

- a.  Newly executed (original or copy)
- b.  Copy from a prior application (37 C.F.R. 1.63(d))  
(for continuation/divisional with Box 18 completed)
  - i.  DELETION OF INVENTOR(S)  
Signed statement attached deleting inventor(s) named in prior application, see 37 C.F.R. 1.63(d)(2) and 1.33(b).

6.  Application Data Sheet. See 37 CFR 1.76

7.  CD-ROM or CD-R in duplicate, large table or Computer Program (*Appendix*)

8. Nucleotide and/or Amino Acid Sequence Submission  
(*if applicable, all necessary*)
 

- a.  Computer Readable Form (CRF)
- b. Specification Sequence Listing on:
  - i.  CD-ROM or CD-R (2 copies); or
  - ii.  paper
- c.  Statements verifying identity of above copies

## ACCOMPANYING APPLICATION PARTS

9.  Assignment Papers (cover sheet & document(s))

10.  37 C.F.R. 3.73(b) Statement  
(when there is an assignee)  Power of Attorney

11.  English Translation Document (if applicable)

12.  Information Disclosure Statement (IDS)/PTO-1449  Copies of IDS Citations

13.  Preliminary Amendment

14.  Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)

15.  Certified copy of Priority Document(s)  
(if foreign priority is claimed)

16.  Request and Certification under 35 U.S.C. 122  
(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.

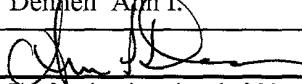
16.  Other: ...Copy of Assignment

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

 Continuation     Divisional     Continuation-in-part (CIP)    of prior application No: \_\_\_\_\_Prior application information: Examiner: \_\_\_\_\_ Group / Art Unit: \_\_\_\_\_  
For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 17. CORRESPONDENCE ADDRESS

 Customer Number or Bar Code Label  or  Correspondence address below

Name	21491		
PATENT & TRADEMARK OFFICE			
Address			
City	State		Zip Code
County	Telephone		Fax
Name (Print/Type)	Dennen Ann I.		Registration No. (Attorney/Agent)
Signature			Date October 23, 2001

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

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## FEE

TRANSMITTAL  
for FY 2001

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$ 370.00)

## Complete if Known

Application Number

23-Oct-2001

Filing Date

Patterson, et al.

First Named Inventor

Examiner Name

Group Art Unit



Attorney Docket No. 00-0895-16/US

METHOD OF PAYMENT	FEE CALCULATION (continued)																																																																																																																																																																														
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Deposit Account Number 50-0686  Deposit Account Lanier Ford Shaver & Payne P.C.  X Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17  X Applicant claims small entity status. See 37 CFR 1.27	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Fee Code</th> <th style="text-align: right;">Large Entity Fee (\$)</th> <th style="text-align: left;">Small Entity Fee Code</th> <th style="text-align: right;">Small Entity Fee (\$)</th> <th style="text-align: left;">Fee Description</th> <th style="text-align: right;">Fee Paid</th> </tr> </thead> <tbody> <tr><td>105</td><td style="text-align: right;">130</td><td style="text-align: left;">205</td><td style="text-align: right;">65</td><td>Surcharge – late filing fee or oath</td><td></td></tr> <tr><td>127</td><td style="text-align: right;">50</td><td style="text-align: left;">227</td><td style="text-align: right;">25</td><td>Surcharge – late provisional filing fee or cover sheet</td><td></td></tr> <tr><td>139</td><td style="text-align: right;">130</td><td style="text-align: left;">139</td><td style="text-align: right;">130</td><td>Non-English 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proceeding		140	110	240	55	Petition to revive – unavoidable		141	1,240	241	620	Petition to revive – unintentional		142	1,240	242	620	Utility issue fee (or reissue)		143	440	243	220	Design issue fee		144	600	244	300	Plant issue fee		122	130	122	130	Petitions to the Commissioner		123	50	123	50	Processing fee under 37 CFR 1.17(q)		126	180	126	180	Submission of Information Disclosure Stmt		581	40	581	40	Recording each patent assignment per property (times number of properties)		146	710	246	355	Filing a submission after final rejection (37 CFR § 1.129(a))		149	710	249	355	For each additional invention to be examined (37 CFR § 1.129(b))		179	710	279	355	Request for Continued Examination (RCE)		169	900	169	900	Request for expedited examination of a design application	
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Name (Print/Type)	Ann J. Denner	Registration No. (Attorney/Agent)	44,651	Telephone	(256)535-1100																																																																																																																																																																										
Signature				Date	October 23, 2001																																																																																																																																																																										

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Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

<b>NONPUBLICATION REQUEST UNDER 35 U.S.C. 122(b)(2)(B)(i)</b>		First Named Inventor	Patterson, et al.
Title	Data Communications System and Method for Communication Between Infrared Devices		
Atty Docket Number		00-0895-16/US	

I hereby certify that the invention disclosed in the attached application **has not and will not** be the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing.

I hereby request that the attached application not be published under 35 U.S.C. 122(b).

10-23-01

Date

Wade C. Patterson

Signature

Patterson Wade C.

Typed or printed name

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application **upon filing**.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant **must** notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. **Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).**

Burden Hour Statement: This collection of information is required by 37 CFR 1.213(a). The information is used by the public to request that an application not be published under 35 U.S.C. (122(b) (and the PTO process that request). Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This form is estimated to take 6 minutes to complete. This time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Wade C. Patterson §  
Thomas J. Watson §  
Confirmation No.: §  
Application No.: § Group/Art Unit:  
Filed: 23-Oct-2001 § Examiner:  
For: *Data Communications System and Method* §  
*for Communication Between Infrared* §  
*Devices* §

**BOX NON-PROVISIONAL PATENT APPLICATION**  
Assistant Commissioner for Patents  
Washington, D.C. 20231

**Applicant, by and through his attorney, hereby submits the following documents:**

1. Utility Patent Application Transmittal;
2. Application Data Sheet;
3. Nonpublication Request Under 35 U.S.C. 122(b)(2)(B)(i);
4. Fee Transmittal (w/1 copy);
5. Non-Provisional Patent Application (44 pages);
6. Drawings (44 sheets);
7. Declaration;
8. Power of Attorney;
9. Statement Under 37 CFR 3.73(b);
10. Copy of Assignment;
11. Check in the amount of \$370.00; and
12. Return receipt postcard

Respectfully submitted,



Ann I. Dennen  
Registration No. 44,651

LANIER FORD SHAVER & PAYNE, P.C.  
Customer No. 021491  
P.O. Box 2087  
200 West Side Square, Suite 50001  
Huntsville, AL 35804  
(256) 535-1100

Express Mail Label No.: EF156639401US

**STATEMENT UNDER 37 CFR 3.73(b)**Applicant/Patent Owner: Wade C. Patterson and Thomas J. WatsonApplication No./Patent No.: \_\_\_\_\_ Filed/Issue Date: 23-Oct-2001Entitled: Data Communications System and Method for Communication Between Infrared Devices

Synapse, Inc., a Corporation  
 (Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. [ X ] the assignee of the entire right, title, and interest; or
2. [ ] an assignee of less than the entire right, title and interest.  
The extent (by, percentage) of its ownership interest is \_\_\_\_\_ %

in the patent application/patent identified above by virtue of either:

A. [ X ] An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

OR

B. [ ] A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
1. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at  
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1. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

[ ] Additional documents / the chain of title are listed on a supplemental sheet.

[ ] Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

10-23-01 \_\_\_\_\_ Wade C. Patterson \_\_\_\_\_  
 Date \_\_\_\_\_ Typed of printed name \_\_\_\_\_  
Wade C. Patterson \_\_\_\_\_ Signature \_\_\_\_\_  
 President \_\_\_\_\_ Title \_\_\_\_\_

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